

CSP-2017-1 DE - NIPF Farmstead

Soil Erosion

Sheet and Rill Erosion

Planning Criteria

Planning Criteria Met

Screening level: Permanent ground cover > 90% and slope < 10%.
 Assessment level: The water erosion rate is <= T.

Yes ☐ No ☐

Evaluation Tests

Evaluation Test Met

All temporary or permanent rills and gullies are stabilized. All areas expected to have high erosion rates are stable.

Yes ☐ No ☐

All non-traffic areas are vegetated.

Yes ☐ No ☐

Wind Erosion

Planning Criteria

Planning Criteria Met

Screening level: Permanent ground cover > 90% and slope < 10%.
 Assessment level: The wind erosion rate is <= T.

Yes ☐ No ☐

Evaluation Tests

Evaluation Test Met

All non-traffic areas are vegetated.

Yes ☐ No ☐

All temporary or permanent rills and gullies are stabilized. All areas expected to have high erosion rates are stable.

Yes ☐ No ☐

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Classic Gully Erosion

Planning Criteria

Screening level: Classic gullies are not present. Assessment level: Classic gully management is adequate to stop the progression of head cutting and widening and are offsite impacts are minimized by vegetation and/or structures.

Planning Criteria Met

Yes ☐ No ☐

Evaluation Tests

Soil erosion in areas integrated with trees is controlled. There are no impacts on sensitive vegetation. There are no occurrences or enlargement of gullies.

Evaluation Test Met

Yes ☐ No ☐

All temporary or permanent rills and gullies are stabilized. All areas expected to have high erosion rates are stable.

Yes ☐ No ☐

Water runoff from hard surfaces, such as building roofs, is controlled to the point that it does not cause erosion or large streams of water.

Yes ☐ No ☐

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Excess Water

Runoff and Flooding and Ponding

Planning Criteria

Planning Criteria Met

Screening level: Ponding or flooding not a problem AND activities do not cause ponding/flooding problems. Assessment level: Excess water is managed to meet client's objectives.

Yes ☐ No ☐

Evaluation Tests

Evaluation Test Met

Water runoff from hard surfaces, such as building roofs, is controlled to the point that it does not cause flooding or ponding

Yes ☐ No ☐

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Water Quality Degradation

Excessive Sediment in Surface Water

Planning Criteria

Screening level: Permanent ground cover > 90% and slope < 10%
AND classic gullies are not present AND streams or shoreline are not
on or adjacent to site. Assessment level: Upslope treatment and buffer
practices address concentrated flows to water bodies AND the SVAP2
- bank condition ≥ 5 AND the livestock and vehicle water crossings
are stable AND The water erosion rate is $\leq T$ AND wind erosion rate
is $\leq T$.

Planning Criteria Met

Yes ☐ No ☐

Evaluation Tests

All small, temporary or permanent rills and gullies are stabilized.

Evaluation Test Met

Yes ☐ No ☐

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Air Quality Impacts

Emissions of Particulate Matter (PM) and PM Precursors

Planning Criteria

Screening level: Activities are not present that contribute to agricultural source PM or PM precursor emissions AND episodes or complaints of emissions of PM (dust, smoke, exhaust, etc.), or chemical drift have not occurred. PM producing activity examples are: Prescribed Burn is conducted, Travel ways unpaved or untreated with binding agents, Engines (combustion source), Tillage, Pesticides are applied, Fertilization (manure/ commercial), CAFO/manure management). Assessment level: PM and PM Precursor emissions are managed to meet client objectives.

Planning Criteria Met

Yes ☐ No ☐

Evaluation Tests

Dust is controlled on all non-vegetated, unpaved travel ways.

Evaluation Test Met

Yes ☐ No ☐

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Inefficient Energy Use

Equipment and Facilities

Planning Criteria

Planning Criteria Met

Screening level: Client is not interested in improving equipment and facilities energy efficiency. Assessment level: Major components of a USDA approved energy audit have been implemented that address equipment and facilities to meet client objectives OR On-farm renewable energy and/or energy conserving practices have been implemented to meet client objectives.

Yes ☐ No ☐

Evaluation Tests

Evaluation Test Met

Renewable energy systems are applied. For example, solar, wind, geothermal, or hydro.

Yes ☐ No ☐

Energy loss from lighting, drying, refrigeration, cooling, heating, or building insulation has been improved.

Yes ☐ No ☐

Farming/Ranching Practices and Field Operations

Planning Criteria

Planning Criteria Met

Screening level: Client is not interested in improving equipment and facilities energy efficiency. Assessment level: Major components of a USDA approved energy audit have been implemented that address equipment and facilities to meet client objectives OR On-farm renewable energy and/or energy conserving practices have been implemented to meet client objectives.

Yes ☐ No ☐

Evaluation Tests

Evaluation Test Met

Energy loss from driven equipment, irrigation, or pumping has been improved.

Yes ☐ No ☐